

**NEW!**

**ACCESSORIES**

# Magnum® 100SG

## Spool Gun

The Magnum® 100SG spool gun is the lowest cost way to add reliable and precise spool gun wire feeding performance for soft aluminum wire. It's easy to set up, does not require a bulky outboard adapter/power module and shares gun expendable parts with the standard MIG gun included with the Power MIG® models.

The Magnum® 100SG is a reliable, low-price aluminum welding spool gun for novice and experienced welders. For added protection, the Magnum® 100SG comes with a cushioned carrying case. To reduce the number of expendable parts needed, this spool gun uses the same contact tips and nozzles as the standard Magnum® 100L MIG gun.

Visit [www.lincolnelectric.com/community/projects/](http://www.lincolnelectric.com/community/projects/) to see the wide range of projects that can be built using Lincoln Electric equipment and consumables.

**Processes**  
MIG/GMAW



### Advantage Lincoln

#### PRODUCTIVITY

- A** • Lightweight at only 3.5 lbs. (1.6 Kg).
- All combinations of specified aluminum alloys and wire diameters can be fed with the same drive roll and liner assembly.
- 0.030-0.035" (0.8-0.9 mm) drive roll included.

#### EASE-OF-USE

- B** • Professionally-styled, smooth exterior with ergonomic grip and balance.
- C** • Full travel mechanical trigger can be easily felt through a welding glove.
- D** • 10 ft (3.0 m) gun cable, control harness, and gun connector offers fast connections to the welding machine.
- No expensive gun or bulky adapter module is required.

#### PEACE-OF-MIND

- E** • Uses the same tips, diffuser, and nozzles as the Magnum® 100L.
- F** • Cushioned carrying case protects the gun during storage.
- 90-days warranty on parts and labor.



Fast installation and set-up allows you to get started on projects and repairs right away.

### TECHNICAL SPECIFICATIONS

Product Name	Product Number	Rated Output Current/Duty Cycle	Cable Length Ft. (m)	Dimension H x W x D Inches (mm)	Net Weight Lbs. (kg)
Magnum® 100SG Spool Gun	K2532-1	130A/30%	10 (3)	15.75 x 10.50 x 4.25 (400.1 x 266.7 x 108.0) without case or cable	3.5 (1.6) includes cable

## A CLOSER LOOK

### EXPENDABLE PARTS

Description	Order Number
<b>Contact Tips:</b>	
0.030" (0.8 mm) (10-pack)	KP2039-2B1
0.035" (0.9 mm) (10-pack)	KP2039-3B1
Gas Diffuser	KP2040-1
Gas Cone Assembly	KP1938-1
Gun Tube Assembly	KP2631-1
Drive Roll Assembly	KP2529-2
Liner Assembly	KP2632-1

### SPECIFICATIONS

Description	
Model	K2532-1 Magnum® 100SG Spool Gun
Welding Process	Aluminum GMAW (MIG), DC electrode positive polarity with 100% argon welding shielding gas
Wire Alloys	Aluminum only: alloys 4043 or 5356
Wire Sizes (Diameters)	Solid wire 0.030 or 0.035 inches (0.8 or 0.9 mm)
Spool Size	1 lb. weight, nominal 4 inch diameter spool
Rated Welding Current and Duty Cycle	130 amps at 30% for 10-minute basis
Overall Weight	3.5 lbs. (1.6 Kg) with cable but without case or spool
Cable Length	10 ft. (3 m)
Method of Guidance	Semiautomatic (manually-guided)
Method of Cooling	Air-cooled

### RECOMMENDED WELDING MACHINES

Description	Order Number
<b>Power MIG®:</b>	
180T	K2472-1
180C	K2473-1
140T	K2470-1
140C	K2471-1

### WHAT'S INCLUDED

- Fully assembled K2532-1 spool gun with spring for use with alloy 5356 wire.
- 1 spool of 0.035" (0.9 mm) aluminum alloy 4043 wire.
- 3 contact tips.
- Instruction manual.
- Electrical harness with toggle switch (must be installed in welding machine).
- Cushioned carrying case.

### FEATURES

- Recommended power sources: Power MIG® 140C, 140T, 180C and 180T.
- 10 ft. (3.0 m) cable length.



Great for quick projects and repairs.

#### CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

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